

U.S. LHC Accelerator Project- Progress 3rd Quarter FY 2003

Right- Four LBNL-produced Interaction Region Absorbers. These “TAS” type copper absorbers are needed to protect the final focus system components (e.g. quadrupole magnets, correctors, etc...) from secondary particles from p-p collisions at the two high luminosity interaction regions (i.e. LHC points 1 and 5, where the ATLAS and CMS detectors are).



Left- the four “TAS” type absorbers loaded and “ready to roll” in July, 2003 for shipment to CERN. The absorbers will be surrounded by a steel and concrete case when